

CLAIMS

1) Method for producing ice-creams with stick, covered, characterised by the fact of providing the following phases:

- 5 • cooling the moulds up to a temperature sufficient to cause the surface freezing of a covering product of the ice-cream;
- filling the moulds with said covering product for the formation of a desired layer of solidified
- 10 product into contact with the mould wall;
- suction of the not yet solidified product;
- filling the mould with the cooled product until it reaches a pasty consistency;
- insertion of the stick;
- 15 • a freezing phase of said upper layer of the product before the transition of the moulds in the brine;
- subsequent starting of freezing in the brine tank.

2) Method according to the claim 1, characterised by the fact of providing:

- 20 • a further phase of dosage of an optional covering layer into the mould already filled with the product;
- subsequent completion of freezing in brine tank.

3) Method according to the claim 1, characterised

25 by the fact that said cooling phase of the upper layer

of product is carried out in a tunnel by a cooling gas.

4) Apparatus for the production of ice-creams with stick, covered, characterised by the fact of providing:

- devices suited to cool the moulds;
- 5 • devices suited to fill the mould with the product intended to realise the covering;
- devices suited to suck this covering product just below the filling station in such a way as to let only the desired layer of cooled product adhere to the mould wall;
- 10 • measuring devices suited to fill the mould of product;
- devices suited to insert the stick;
- devices suited to cause the freezing of the upper layer of product before the transition of the moulds in the freezing tank.
- 15 • a final freezing tank of the product.
- devices suited to pull the finished product out of the moulds.

20 5) Apparatus for the production of ice-creams with stick according to claim 4, characterised by the fact of providing devices suited to measure out into the mould filled with product a thin layer of covering material.